

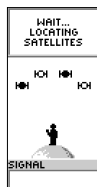
Using the Garmin eTrex® for Basic Trail Mapping

This simple Garmin GPS unit (See Figure 1) will allow you to capture “tracks” that represent the trail you traversed and “waypoints” that are noteworthy places. The data you capture with your GPS will be downloaded from your device and reviewed before it is placed in the master trails GIS database. Follow the simple steps outlined below in order to get started!

ANATOMY OF THE eTrex®: The Garmin eTrex® GPS Unit has only five rubberized buttons. How much easier could it get?? The right hand side has the “PAGE” and “PWR” buttons. (See Figure 2) The PAGE button is used to navigate between menus and the PWR button is used to turn on and off the unit.

The left side of the unit has an “ARROW UP” and an “ARROW DOWN” button along with a larger “ENTER” button. (See Figure 3) The ARROW buttons allow you to navigate a menu once it has been selected and the ENTER button is used to select items or confirm entries.

TURN IT ON: Turn on the GPS unit using the lower button on the right hand side of the unit. The button has the text “PWR” directly beneath it. Press and hold the button for several seconds and it will power up. Once the power is on it will begin to locate satellites (See Figure 4). It may take several minutes for the unit to capture the number of satellites necessary to begin working. Be patient as the device works to make these connections. Once the connections have been made the unit will indicate that it is “Ready to Navigate”. At that moment it begins logging tracks as you move about. There is no way to turn off tracking. Therefore, if you stop on the trail for an extended period (>20 minutes) it may be wise to power off the unit so that it doesn’t fill up the track log. When you turn it back on, please wait until it says “Ready to Navigate” before you proceed.



(Figure4)

Please note that all tracks and waypoints have been cleared from your GPS unit. It is recommended that you not turn on the unit until you have arrived at your starting point for the day unless you have become familiar with the unit and know how to clear the track log.

SECURE THE DEVICE: Once the GPS unit is “Ready to Navigate” proceed with securing it for the trail mapping session. The unit can be stowed in the upper pocket of a backpack, carried in a shirt or jacket pocket, strapped to a saddle or mounted on a handle bar. Just take a moment periodically to check the unit and ensure that it still has its satellite connections.

TRAIL MAPPING: After securing device, simply proceed with traversing the trail to be mapped. It is wise to keep a slow and steady pace with as few erratic movements as possible. Keep in mind that when you have a clear view of the sky, the GPS will have better signal and will be able to perform much better. When the tree cover is thick, the GPS will struggle to obtain a signal and moving slower is advised.

WAYPOINTS: As you traverse the trail, you may find noteworthy spots that need to be catalogued. For example, it might be important to note a stream crossing, a good viewpoint, a dangerous trail section, or a place where the trail is blocked or in need of maintenance. You can use the GPS unit to capture a waypoint at these locations.

In order to capture the waypoint it is best to come to a complete stop and then press the “Page” button on the right side of the unit. Press the button until it reaches the following page as shown in Figure 5. Once you have reached that Menu page, use the “arrow down” button to highlight “MARK” and then press the “ENTER” button. You’ll then see the “MARK WAYPOINT” page as shown in Figure 6. Press “ENTER” once again and you have captured that waypoint! It is that easy! *NOTE: If you press the wrong button, use the page button to the Waypoint Menu.*

More detailed instructions can be found at: http://kygeonet.ky.gov/crosskytrail/pdfs/eTrex_OwnersManual.pdf



(Figure 1)



(Figure 2)



(Figure 3)



(Figure 5)



(Figure 6)

GPS Waypoint Log Sheet

Waypoint	Description
001	
002	
003	
004	
005	
006	
007	
008	
009	
010	
011	
012	
013	
014	
015	
016	
017	
018	
019	
020	
021	
022	
023	
024	
025	

[illegible]